Index of Claims

Application/Control No.

10/629,015 Examiner Reexamination
KUHLMAN ET AL.

Applicant(s)/Patent under

Art Unit

Kiet T. Nguyen

2881

√ Rejected
= Allowed

(Through numeral)
Cancelled

Restricted

N Non-Elected

I Interference

A Appeal
O Objected

| Cla  | Date   |                   |          |  |            |              |          |              |              |                        |
|--|--|-------------------|----------|--|------------|--------------|----------|--------------|--------------|------------------------|
|  |  | _                 |          |  | T.         |              | Ė        |              | Π            | П                      |
| Final  | Original   | 10/30/05          |          |  |            |              |          |              |              |                        |
|  | 1  | Ī                 |          |  | _          |              |          |              |              | M                      |
|  | 2  | ╘                 |          |  |            |              | _        | -            |              | i                      |
|  | 3  | ╘                 |          |  | $\vdash$   | <del> </del> | -        | -            | _            | $\vdash$               |
|  | <del>-</del>                                       | ╘                 |          | -  | -          |              | $\vdash$ |              |              | ╁╌┤                    |
|  | 5  | =                 |          |  | $\vdash$   | -            | ┝        | -            | -            | ╢                      |
|  | 5  | -                 |          | _  | -          | ⊢            | -        | -            |              | ╀╌┤                    |
|  | 1<br>2<br>3<br>4<br>5<br>6                         | ┞ <u></u>         |          | _  |            | -            | -        | -            |              | $\vdash$               |
|  | -  | <u> </u>          | _        | _  | <u> </u>   | ⊢            | ⊢        | H            | -            | Н                      |
|  | 8  | =                 | <b></b>  |  | ļ          | <u> </u>     | <u> </u> | <u> </u>     |              | Ш                      |
|  | 8<br>9<br>10                                       | =                 |          | _  | <u> </u>   | _            | _        | _            |              | $\vdash$               |
|  | 10   | =                 |          |  | L          | _            | $\vdash$ | <u> </u>     |              | _                      |
|  | 11   | =                 |          | _  | <u> </u>   | _            | <u> </u> | <u> </u>     |              | Ш                      |
|  | 12   |                   |          |  |            | <u> </u>     | <u> </u> | _            |              |                        |
|  | 11<br>12<br>13<br>14<br>15<br>16<br>17             | =                 | <u> </u> |  | -          | $\vdash$     | <u> </u> | $\vdash$     | _            | $\sqcup$               |
|  | 14   | =                 |          |  | <u> </u>   | <u> </u>     | <u> </u> | <u> </u>     |              |                        |
| $\vdash$   | 15   | =                 | <u> </u> | <u> </u>   | <u> </u>   | <u> </u>     |          | <b> </b> -   | <u> </u>     | $\vdash \vdash$        |
|  | 16   | =                 |          |  | <u> </u>   | <u> </u>     | <u> </u> | <u> </u>     |              | $\vdash$               |
|  | 17   | Ξ                 |          |  | _          |              | <u> </u> | <u> </u>     |              | Щ                      |
|  | 18   | =                 |          |  | <u> </u>   | <u> </u>     | <u> </u> | <u> </u>     |              |                        |
|  | 19   | V.                |          | _  | <u> </u>   | _            |          | <u> </u>     |              | Н                      |
|  | 20   | V                 |          |  | <b> </b> _ | _            | <u> </u> | <u> </u>     |              | Н                      |
|  | 21   | V                 |          |  | <u> </u>   | <u> </u>     | _        |              |              | Н                      |
|  | 18<br>19<br>20<br>21<br>22<br>23<br>24<br>25<br>26 | = V V V V V V V V |          | _  | <u> </u>   | <u> </u>     | <u> </u> | _            |              | Ш                      |
|  | 23   | V                 |          |  | <u> </u>   | <u> </u>     | <u> </u> |              |              |                        |
|  | 24   | <u>v</u>          |          | _  | <u> </u>   | <u> </u>     | <u> </u> | _            |              | Н                      |
|  | 25   | V                 |          |  | ⊢          | <u> </u>     | <u> </u> | _            | _            |                        |
|  | 27   | 0                 |          | -  | _          | _            | <u> </u> |              | -            |                        |
|  | 27<br>28<br>29                                     | ۲                 |          |  | <u> </u>   | _            | ├        | -            |              |                        |
| -  | 20   | <u> </u>          |          | -  | -          | _            | _        |              |              |                        |
| $\vdash$   | 29   | =                 | _        |  | $\vdash$   | _            |          | _            |              | -                      |
| ├  | 30<br>31   | =                 |          | -  | $\vdash$   | $\vdash$     | $\vdash$ | _            | _            |                        |
| ├—   | 32   | =                 |          |  |            | $\vdash$     | $\vdash$ | -            | -            |                        |
| <del>                                     </del> | 32   | _                 |          | -  | -          | ⊢            | -        | <del> </del> | <del> </del> | Н                      |
|  | 33<br>34   | =                 |          | $\vdash$   | ├          | ├            | -        |              | ├-           | $\vdash$               |
|  | 35   | =                 | _        | $\vdash$   | -          | -            | -        |              | <del> </del> | Н                      |
|  | 35<br>36   | =                 | -        | -  | -          |              | -        | $\vdash$     | <del> </del> | Н                      |
|  | 37   | v                 |          | -  |            | $\vdash$     | -        |              | <del> </del> | $\vdash$               |
|  | 38   | ۲                 | _        | $\vdash$   | $\vdash$   | H            | -        | _            |              | $\vdash$               |
|  | 38<br>39   | v                 | _        | $\vdash$   | H          | -            |          |              | ┝            | Н                      |
| -  | 40   | Ť                 |          | $\vdash$   | -          | Η-           | Η-       |              | -            | $\vdash \vdash \vdash$ |
|  | 41   | =                 | _        |  |            | $\vdash$     | _        |              | -            | Н                      |
| $\vdash$   | 42   | =                 | -        | $\vdash$   | -          | $\vdash$     | Η-       | -            |              | Н                      |
|  | 43   | H                 | -        |  | -          | $\vdash$     | -        |              |              | H                      |
|  | 44   | _                 |          | $\vdash$   | $\vdash$   | -            | $\vdash$ | -            | $\vdash$     | Н                      |
| $\vdash$   | 45   |                   |          | $\vdash$   | $\vdash$   |              | -        | -            |              | H                      |
|  | 46   | $\vdash$          | -        | <del>                                     </del> | Н          | $\vdash$     |          |              |              | H                      |
|  | 47   |                   | _        | $\vdash$   |            | $\vdash$     |          | Н            |              | Н                      |
|  | 48   |                   |          | <u> </u>   | Н          | $\vdash$     | $\vdash$ | П            | Н            | Н                      |
|  | 49   |                   |          | Т  | Т          |              | -        |              | _            | Н                      |
|  | 50   | П                 |          |  |            | _            | $\vdash$ | _            |              | Н                      |
| لــــــــــــــــــــــــــــــــــــــ          |  |                   |          |  | _          | _            |          | Ц_           |              | لبب                    |

| Claim    |          | Date     |              |  |          |  |               |              |          |          |  |
|----------|----------|----------|--------------|--|----------|--|---------------|--------------|----------|----------|--|
| 1000     | -        |          |              |  | 1        | <del>-</del>                                     | $\overline{}$ | _            |          |          |  |
| Final    | Original |          | i i          |  |          |  |               |              |          |          |  |
|          | 51       |          |              |  |          |  |               |              |          |          |  |
|          | 52       |          |              |  |          |  |               |              |          |          |  |
|          | 53       |          |              |  |          |  |               |              |          |          |  |
|          | 54<br>55 | <u></u>  |              |  |          |  |               |              |          |          |  |
| <u>L</u> | 55       |          |              |  |          |  |               |              |          |          |  |
|          | 56       |          |              | L.,  |          |  |               | L            |          |          |  |
| L        | 57       |          |              |  |          | _  |               |              |          | _        |  |
|          | 58       |          |              |  |          | <u> </u>   |               | _            |          | _        |  |
|          | 59       |          |              |  | <u> </u> | _  |               |              |          |          |  |
|          | 60       |          |              |  |          |  | <u>_</u>      | <u>_</u>     | L        |          |  |
| L        | 61       | <u> </u> |              | L  |          | <u> </u>   | L             | L            |          |          |  |
| <u> </u> | 62       |          |              |  | _        | <b> </b>   |               | _            |          |          |  |
|          | 63       | <u> </u> |              | _  |          | <u> </u>   | _             |              |          | _        |  |
|          | 64       | _        |              |  |          |  | <u> </u>      | _            | _        | -        |  |
| <b></b>  | 65       | _        | _            | _  |          | <u> </u>   | _             | <u> </u>     | _        |          |  |
| -        | 66       |          |              |  | <u> </u> |  | <u> </u>      | -            | -        | -        |  |
|          | 67       |          |              | -  | -        | -  | $\vdash$      | $\vdash$     | $\vdash$ |          |  |
|          | 68<br>69 | ⊢        | —            | -  |          |  | ┝             | -            | ┝        |          |  |
| -        | 70       | ┝        |              |  | -        | _  | <del> </del>  | ├            | -        | -        |  |
| -        | 70       | -        |              | $\vdash$   |          | ┝  | -             | -            |          | _        |  |
| -        | 71<br>72 | $\vdash$ |              |  | -        | $\vdash$   | ┝             | -            | -        | $\vdash$ |  |
| -        | 73       | $\vdash$ | _            | -  | -        | ├  |               | ┢            |          |          |  |
|          | 74       | -        |              |  |          |  | -             | ┢            | -        | -        |  |
|          | 75       | $\vdash$ |              | _  |          | $\vdash$   |               | ├─           |          | $\vdash$ |  |
|          | 76       | _        | _            | _  | $\vdash$ | -  | $\vdash$      | $\vdash$     |          | -        |  |
|          | 77       |          |              |  |          | <b></b> -  | $\vdash$      | Н            |          |          |  |
|          | 78       | ┢        |              |  |          | $\vdash$   |               |              |          |          |  |
|          | 79       |          |              |  |          |  |               |              |          |          |  |
|          | 80       |          |              |  |          |  |               | Г            |          |          |  |
|          | 81       |          |              |  |          |  |               |              |          |          |  |
|          | 82       |          |              |  |          |  |               |              |          |          |  |
|          | 83       |          |              |  |          |  |               |              |          |          |  |
|          | 84       |          |              |  |          |  |               |              |          |          |  |
|          | 85       | L        | <u> </u>     |  | <u> </u> |  | L             |              |          |          |  |
|          | 86       |          | L_           |  | <u> </u> | L_   |               |              |          |          |  |
|          | 87       | L        | <u> </u>     | <u> </u>   | <u> </u> |  | _             |              |          | _        |  |
|          | 88       |          | <u> </u>     | <u> </u>   |          | <u> </u>   |               |              |          | <u> </u> |  |
|          | 89       | _        | _            | <u> </u>   | _        | <u> </u>   |               |              | L.       |          |  |
|          | 90       |          |              | <del> </del>                                     |          |  | <u> </u>      |              | <u> </u> | <u> </u> |  |
| -        | 91<br>92 | $\vdash$ | $\vdash$     | -  | $\vdash$ | $\vdash$   | H             | -            | $\vdash$ | $\vdash$ |  |
|          | 93       | $\vdash$ | $\vdash$     |  |          | -  | <del> </del>  |              | $\vdash$ |          |  |
|          | 94       | -        | <del> </del> | -  | -        | $\vdash$   | H             | $\vdash$     | -        | $\vdash$ |  |
|          | 95       |          | $\vdash$     | -  | -        |  |               | -            |          | $\vdash$ |  |
|          | 96       |          |              | -  |          | -  |               |              |          | $\vdash$ |  |
| -        | 97       | -        | $\vdash$     | <del>                                     </del> | -        | -  | Н             |              | -        | $\vdash$ |  |
|          | 98       | Н        | $\vdash$     | <del> </del>                                     | $\vdash$ | $\vdash$   | $\vdash$      | <del> </del> |          | $\vdash$ |  |
|          | 99       | $\vdash$ | Н            | <u> </u>   |          | <del>                                     </del> |               |              | Н        |          |  |
|          | 100      | _        | $\vdash$     | $\vdash$   | $\vdash$ | $\vdash$   | М             | $\vdash$     | Н        | <u> </u> |  |
|          |          | ш.       | Ь            | Ь  | ــــــا  |  |               | Ь            | Ц.       | Щ        |  |

| Claim    |   | Date   |              |          |          |          |          |              |          |                 |  |
|----------|---|--|--------------|----------|----------|----------|----------|--------------|----------|-----------------|--|
|          |   |  |              |          |          |          |          |              |          | П               |  |
| <u>a</u> | Original                                      |  |              |          |          |          |          |              |          |                 |  |
| Final    | rig   |  |              |          |          |          |          |              |          | ÌΙ              |  |
|          |   |  |              |          |          |          |          |              |          |                 |  |
|          | 101<br>102                                    |  |              |          |          |          |          | Г            |          | П               |  |
|          | 102   |  |              |          |          |          | Г        |              |          | П               |  |
|          | 103   |  |              |          |          |          |          |              |          |                 |  |
|          | 104   |  |              |          |          |          |          |              |          |                 |  |
|          | 105   |  |              |          |          |          |          |              |          | П               |  |
|          | 106<br>107                                    |  |              |          |          |          |          |              |          |                 |  |
|          | 107   |  |              |          |          |          |          |              |          |                 |  |
|          | 108   |  |              |          |          |          |          |              |          | П               |  |
|          | 109   |  |              |          |          |          |          |              |          | П               |  |
|          | 110   |  |              |          |          |          |          | Г            | Г        | $\Box$          |  |
|          | 111   |  |              |          |          |          |          |              |          |                 |  |
|          | 112   |  |              |          |          |          |          |              |          |                 |  |
|          | 113   |  |              |          |          |          |          |              |          |                 |  |
|          | 109<br>110<br>111<br>112<br>113<br>114<br>115 |  |              |          |          |          |          |              |          |                 |  |
|          | 115   |  |              |          |          |          |          |              |          |                 |  |
|          | 116<br>117<br>118                             |  |              |          |          |          |          |              |          |                 |  |
|          | 117   |  |              |          |          |          |          | <u> </u>     |          |                 |  |
|          | 118   |  |              |          |          |          |          |              |          |                 |  |
|          | 119   |  |              |          |          |          |          |              |          |                 |  |
|          | 120   |  |              |          |          |          |          | L            | L        | Ш               |  |
|          | 121   |  |              |          |          |          |          | L            |          |                 |  |
|          | 122   | L.   |              |          |          | L        | _        | <u></u>      | L        |                 |  |
|          | 123   |  |              |          |          |          | <u> </u> |              | L        |                 |  |
|          | 120<br>121<br>122<br>123<br>124<br>125<br>126 |  |              |          |          |          |          |              |          |                 |  |
|          | 125   |  |              |          |          |          |          |              |          |                 |  |
|          | 126   |  |              |          |          | <u> </u> |          |              |          |                 |  |
|          | 127   |  |              |          |          |          |          |              |          |                 |  |
|          | 128<br>129<br>130                             |  |              |          |          |          | _        |              |          | Ш               |  |
|          | 129   | $ldsymbol{le}}}}}}}$ | $oxed{oxed}$ |          |          |          |          |              |          | Ш               |  |
|          | 130   |  |              |          |          |          |          |              |          | Ш               |  |
|          | 131<br>132<br>133                             |  |              |          |          | Ш        | _        | _            |          | Ш               |  |
|          | 132   |  |              | _        | _        | L        | _        | L            | _        | Ш               |  |
|          | 133   |  |              |          |          |          |          |              | _        |                 |  |
|          | 134<br>135                                    |  | Щ.           | L_       |          | Ш        | <u> </u> |              |          | Ш               |  |
|          | 135   |  |              |          |          | Ш        | _        | <u>L</u> .   | $\vdash$ | Н               |  |
|          | 136   |  |              |          |          | <u> </u> | <u> </u> | <u> </u>     | $\vdash$ | $\vdash$        |  |
|          | 137   |  | $\vdash$     | <u> </u> |          | $\vdash$ | _        | -            | $\vdash$ | Н               |  |
|          | 138   | $\vdash$   |              | <u> </u> |          | $\vdash$ | <u> </u> | <u> </u>     |          | Н               |  |
|          | 139<br>140                                    |  |              |          |          | $\vdash$ | _        | <u> </u>     | $\vdash$ | Н               |  |
|          | 141   |  | $\vdash$     | <u> </u> | <u> </u> |          | -        | $\vdash$     | $\vdash$ | H               |  |
|          | 141   |  | -            | -        |          | $\vdash$ | $\vdash$ | $\vdash$     | $\vdash$ | $\vdash$        |  |
|          | 143   | $\vdash$   |              |          |          |          | -        | $\vdash$     | -        | $\vdash \vdash$ |  |
|          | 144   | $\vdash$   |              | -        |          | $\vdash$ | _        | $\vdash$     | $\vdash$ | $\dashv$        |  |
|          | 145   | <del></del>  | -            | <u> </u> |          |          |          | $\vdash$     | $\vdash$ | Н               |  |
|          | 146   | $\vdash$   | -            | $\vdash$ |          | $\vdash$ | -        | -            | ┝        | H               |  |
|          | 147   | <u> </u>   |              | Η-       | —        | $\vdash$ | <u> </u> | $\vdash$     | $\vdash$ | Н               |  |
|          | 148   |  |              | H        | <u> </u> |          | <u> </u> | <u> </u>     | -        | $\vdash \vdash$ |  |
|          | 149   |  |              |          |          |          | _        | -            | -        | $\vdash \vdash$ |  |
|          | 150   |  | —            | $\vdash$ |          | $\vdash$ | _        | <del> </del> | $\vdash$ | H               |  |
|          | 130   |  | L            | نـــا    |          |          |          | Щ.           |          | ш               |  |